Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Tuesday 07 Feb 2023 until 23:59 on Wednesday 08 Feb 2023

Forecast Issued on Tuesday 07 Feb 2023 at 00:18

Confidence: High for often dry, settled conditions. Medium for cloud details.

Headline for Tuesday 07 Feb 2023: Dry and bright.

Mountain weather hazards on Tuesday 07 Feb 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Partly cloudy (night)	Sunny intervals	Sunny intervals	Sunny intervals	Partly cloudy (night)	Partly cloudy (night)
Precipitation probability					
<05%	00%	00%	00%	00%	<05%

Forecast for Tuesday 07 Feb 2023

Weather: Occasional mist and fog patches at first in valleys, slowly lifting and breaking. These are likely to re-form again during the evening. Otherwise, a dry and bright day with sunny spells.

Chance of cloud-free hill tops above 600m: 80%

Low cloud and visibility: Mist and fog patches in valleys giving poor or very poor visibility, both early and late in the day. This may give some brief visibility deteriorations as fog lifts during the morning. Perhaps some patches of cloud with base just reaching the highest summits. Visibility mostly good or very good, but poor or very poor in any mist, freezing fog or cloud covering hills.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Forecast for Tuesday 07 Feb 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	7/9 SW	7/9 SW	8/11 W	8/11 SW	5/7 SW	5/7 S	7/11 S
300	5/6 SE	3/5 S	5/7 W	5/7 W	3/4 S	4/6 S	4/8 S
Valley	2/5 E	3/6 SE	3/7 W	3/6 SW	2/4 SE	4/6 SE	3/7 SE

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	1/-2	2/-1	2/-1	3/-0	2/-1	2/-1	1/-2
300	3/1	3/2	5/3	5/4	4/2	3/2	2/0
Valley	2/1	3/2	5/4	6/5	3/2	3/1	2/0
Freezing Level*	900m	900m	900m	900m	1000m	900m	700m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Due to cold air pooling in valleys, freezing level will reach the surface at lower levels early morning and late evening.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Tue 07 Feb 2023	0mm	0mm	2.2mm

Forecast for Wednesday 08 Feb 2023

Weather: Some early mist and freezing fog possible, clearing by late morning, otherwise dry and bright with freshening southwest winds. Thickening cloud with outbreaks of rain possible later in the evening.

Maximum wind: South or Southwest 20mph gusts 30mph during the afternoon and evening.

Chance of cloud-free hill tops above 600m: 70% at first, becoming 100% during the morning, then 20% late evening.

Low cloud and visibility: Mist and fog patches in valleys giving poor or very poor visibility at first. This may give some brief visibility deteriorations as fog lifts during the morning. Cloud becoming extensive above 500m late evening. Visibility mostly good or very good, but very poor in any morning fog and cloud covering the hills later.

Temperature: **Valleys:** Minus 1 Celsius rising to 7 Celsius
At 600m: Around Zero Celsius
Freezing level: Most levels at first in early frost, rising 600 to 800m.

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